Title (en)

LIGHT PERMEABLE CONDUCTIVE MATERIAL

Publication

EP 0139557 B1 19901114 (EN)

Application

EP 84401740 A 19840829

Priority

JP 15984483 A 19830831

Abstract (en)

[origin: EP0139557A1] The material obtained by coating a small plate substrate with a conductive layer having a thickness of 7 to 120 nm, especially a metal oxide doped with different metals, is light permeable as well as conductive, wherein said plate substrate is selected from mica, illite, bravaisite, kaolinite, bentonite, montmorillonite, smectites, calcium phosphate and glass particle and its ratio of major axis to minor axis is 1-30 and its ratio of minor axis to thickness is 5 or more. This material is useful as the additive providing a transparent film with conductivity.

IPC 1-7

C03C 17/23; C09C 3/06; H01B 1/20

IPC 8 full level

H01B 5/14 (2006.01); **C04B 41/50** (2006.01); **H01B 1/08** (2006.01); **H01B 1/20** (2006.01); **H01B 5/00** (2006.01)

CPC (source: EP US)

C04B 41/50 (2013.01 - EP US); **C04B 41/5025** (2013.01 - EP US); **H01B 1/08** (2013.01 - EP US); C04B 2111/80 (2013.01 - EP US); C04B 2111/94 (2013.01 - EP US); Y10T 428/2991 (2015.01 - EP US); Y10T 428/2996 (2015.01 - EP US)

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